

Notice No.3

Rules and Regulations for the Construction and Classification of Ships for the Carriage of Liquefied Gases in Bulk, July 2017

The status of this Rule set is amended as shown and is now to be read in conjunction with this and prior Notices. Any corrigenda included in the Notice are effective immediately.

Please note that corrigenda amends to paragraphs, Tables and Figures are not shown in their entirety.

Issue date: June 2018

Amendments to	Effective date	IACs/IMO implementation (if applicable)
Chapter 3, Section 3	1 July 2018	1 July 2018
Chapter 8, Section 8	1 July 2018	1 July 2018
Chapter 11, Section 11	1 July 2018	1 July 2018

Chapter 3

Ship Arrangements

3.2 Accommodation, service and machinery spaces and control stations

LR 3.2-04 In addition to the requirements of LR 3.2-02 to LR 3.2-03, the closing devices are to be operable from outside of the protected space in accordance with SOLAS regulation II-2/5.2.1.1.

~~**LR 3.2-04** The requirements of LR 3.2-02 to LR 3.2-03 are to be applied unless specified otherwise by the National Administration.~~

3.3 Cargo machinery spaces and turret compartments

LR 3.3-01 The requirement of 3.3.1 is to be applied as follows:
Cargo machinery spaces shall be situated above the weather deck and located within the cargo area. Cargo machinery spaces and turret compartments shall be treated as cargo pump-rooms for the purpose of fire protection according to SOLAS regulation II-2/9.2.4. See also 11.1.1.1.

Chapter 8

Vent Systems for Cargo Containment

8.2 Pressure relief systems

LR 8.2-03 The 'safe means of emergency isolation', as required by 8.2.9, is to be provided so that a PRV can be isolated on a temporary basis to reseal or repair the valve before putting the PRV back into service. Such means of emergency isolation are to be installed in a manner that does not allow their inadvertent operation.

8.4 Sizing of pressure relieving system

LR 8.4-01 For prismatic tanks L_{min} , and the associated external surface area of the tank, A , are to be taken as follows:

- L_{min} , for non-tapered tanks, is the lesser of the longitudinal or transverse horizontal dimensions of the bottom of the tank. The bottom of the tank is to be regarded as the flat portion only not including the lower chamfered sides.
- For tapered tanks, as would be used for the forward tank, L_{min} is the lesser of the length and the average width of the bottom of the tank.
- For prismatic tanks whose distance between the bottom of the tank and bottom of the hold space is equal to or less than $L_{min}/10$:
 A = external surface area minus the bottom surface area of the tank.
- For prismatic tanks whose distance between the bottom of the tank and bottom of the hold space is greater than $L_{min}/10$:
 A = external surface area.

See Figure 8.1

Chapter 11

Fire Protection and Extinction

11.3 Water-spray system

LR 11.3-01 'Means to back-flush the system with fresh water' within 11.3.6 is to be understood to mean that arrangements are to be provided so that the water-spray system as a whole (i.e. piping, nozzles and in-line filters) can be flushed or back-flushed, as appropriate, with fresh water, to prevent the blockage of pipes, nozzles and filters.

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